

TOUCH SERIES MODEL



TX1000ME024-V2W

TX1000ME024-V2MW

TX1000MEO220-V2W

TX1000MEO220-V2MW



FEATURES

- ◆ Modern touch pad design suitable for offices, hotels and residential buildings.
- ◆ Applicable for 2-pipe fan coil and ECM fan cooling/heating, Modulating/ON-OFF
- ◆ 7-day 6-period programmable as well as holiday selection from thermostat
- ◆ Multi-Color Black LCD
- ◆ Special colors casing upon request with RAL number and color sample can be provided based on production MOQ
- ◆ Both room temperature and Set-point are displayed.
- ◆ Manual & Automatic fan functions
- ◆ User setting can be kept during power off.
- ◆ Big LCD with English display
- ◆ Temperature unit C&F
- ◆ Regular color available in Black and White body
- ◆ EC motor fan control
- ◆ Fits in 70mmx70mm electrical junction box
- ◆ Real Time clock with infinite life battery backup

APPLICATIONS

- ▶ TX1000 Series is touch pad thermostat with many variants suitable for 2-pipe fan coil and ECM fan cooling or heating. Available in basic standalone and Modbus communicating variants.
- ▶ Back-light with Multi-Color Black LCD
Fitted with built-in NTC 10K sensor. Several add-on functions like remote sensor, key card can be chosen as per site requirements.

SPECIFICATION

- ◆ Power Supply : 24VAC OR 95-240VAC
 - Frequency: 50~60Hz
- ◆ Function: Cooling/Heating
- ◆ EC motor fan control 0-10VDC
- ◆ Wiring Max: 16AWG
- ◆ Sensing Element: 10K(@25°C) NTC
- ◆ Display Accuracy: 0.1°C, Set-point accuracy: 0.5°C/step
- ◆ Set-point range: 10-32°C(50-90°F) • Display range: 0-50°C
- ◆ Protection Class: IP 20 • Storage Temperature&Humidity : 20~30°C CRH45%~65% Working Temperature&Humidity: 0~50°C, less than RH90% (No condensation)
- ◆ Suitable Valve: 2-line/ 3-line valve.
- ◆ Installed on 70mm x 70mm box


EC Motor Fan Voltage configuration Standard

- ◆ 0-10VDC fan setting range 0.0~10.0V(0.1V per step) for each speed

ORDERING PART NUMBERS

PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS 485	UNIVERSAL INPUT (AI/DI)	Wi-Fi COMMUNICATION
TX1000ME024-V2W	24VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC	✗	✓	✓
TX1000ME024-V2MW	24VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC	✓	✓	✓
TX1000MEO220-V2W	95-240 VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC/ON-OFF	✗	✓	✓
TX1000MEO220-V2MW	95-240 VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC/ON-OFF	✓	✓	✓

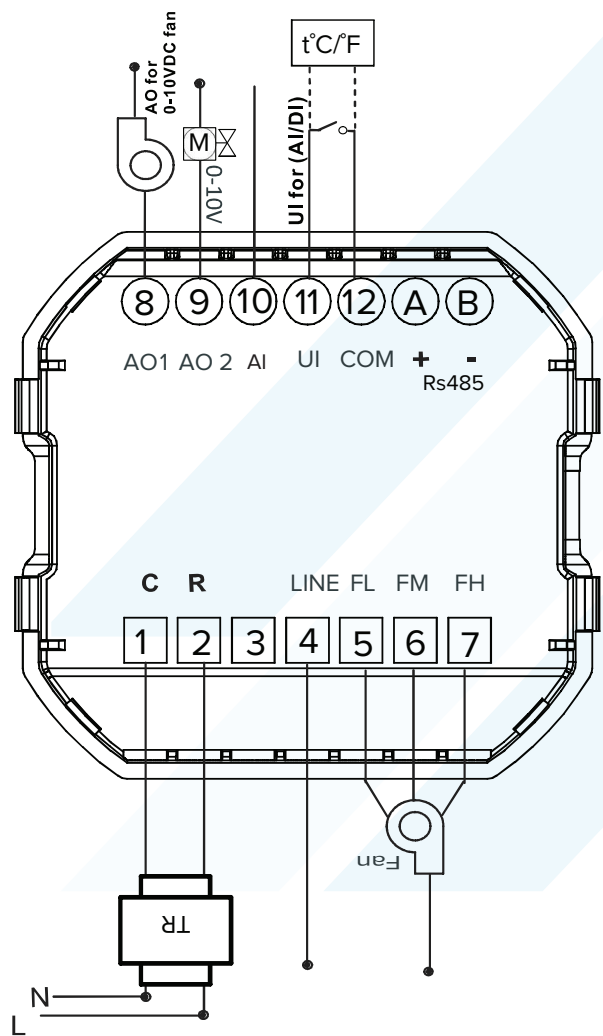
ABBREVIATION

 CASING/COVER COLOR	
BLACK	B
WHITE	W

 BACKLIGHT COLOR	
Black backlight + Multicolor Icon& White text	BC

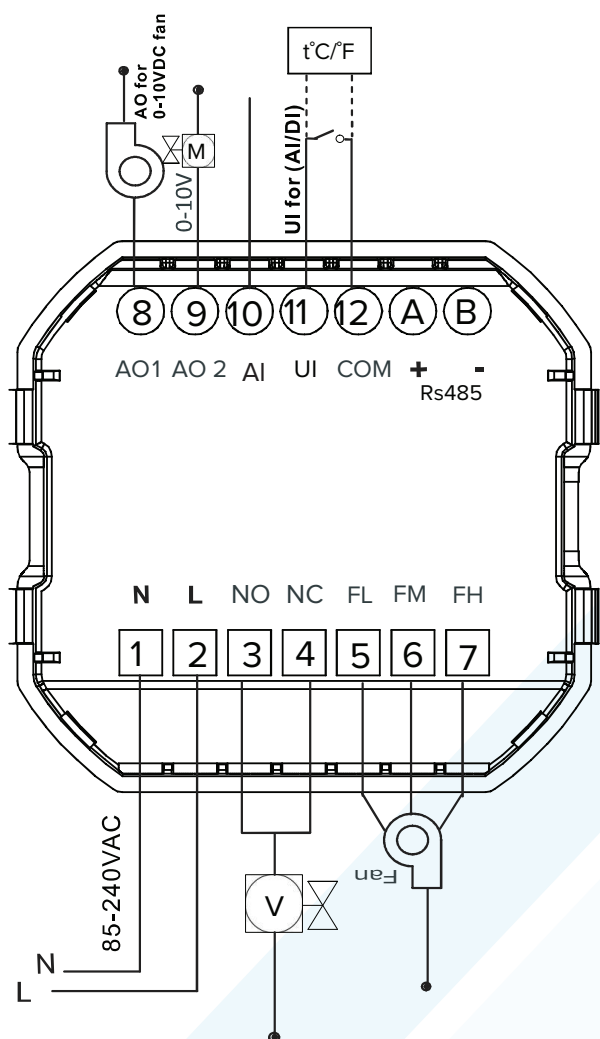
*ordering example TX1000ME024-V2-WBC

WIRING DIAGRAM



NO	TERMINALS	DESCRIPTION
1	C	24V NEUTRAL & COM FOR AO
2	R	24V ACTIVE
3		
4	LINE	LINE FOR FAN
5	FL	LOW SPEED FAN
6	FM	MEDIUM SPEED FAN
7	FH	HIGH SPEED FAN
8	Ao1	0-10VDC OUTPUT FOR ECM FAN
9	Ao2	0-10VDC OUTPUT FOR MODULATING ACTUATOR
10	AI	0-10VDC VALVE FEEDBACK
11	UI	AI (REMOTE SENSOR)& DI (KEY CARD)
12	COM	COM FOR UI
A	+	RS485 MODBUS
B	-	RS485 MODBUS

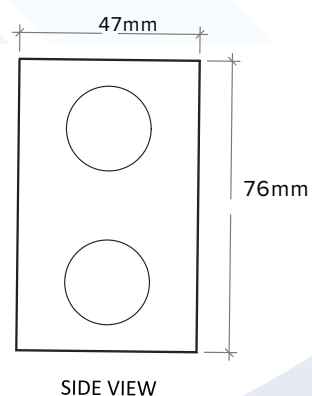
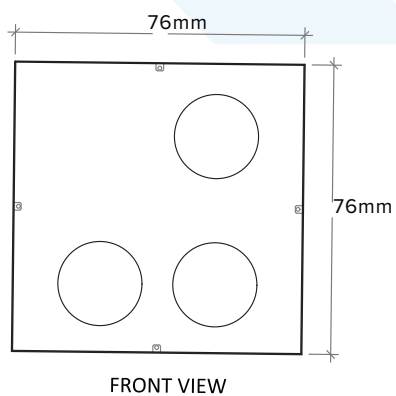
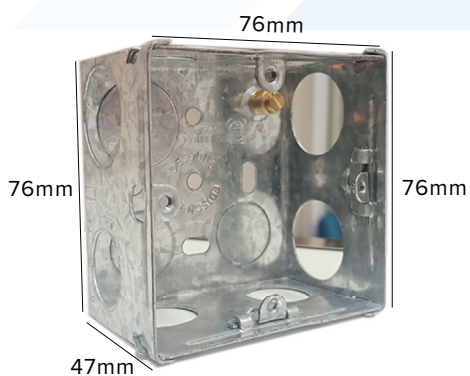
TX1000ME024-V2W/TX1000ME024-V2MW



NO	TERMINALS	DESCRIPTION
1	N	NEUTRAL LINE IN
2	L	LIVE LINE IN
3	NO	VALVE OPEN
4	NC	VALVE CLOSE
5	FL	LOW SPEED FAN
6	FM	MEDIUM SPEED FAN
7	FH	HIGH SPEED FAN
8	Ao1	0-10VDC OUTPUT FOR ECM FAN
9	Ao2	0-10VDC OUTPUT FOR MODULATING ACTUATOR
10	AI	0-10VDC VALVE FEEDBACK
11	UI	AI (REMOTE SENSOR)& DI (KEY CARD)
12	COM	COM FOR UI & AO
A	+	RS485 MODBUS
B	-	RS485 MODBUS

TX1000MEO220-V2W/TX1000MEO220-V2MW

JUNCTION BOX SPECIFICATION



ABOUT WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time, please download the free APP of Smart Life or Tuya Smart from Apple store or Google play store or scan the QR code below (Fig1-1, Fig1-2),



Fig 1-1



Fig1-2

The Mobile App and devices can be paired quickly by following below steps

Step 1 Register your account by adding Mobile number or an email ID and password, by receiving a verification code.

Step 2 Bluetooth network distribution: Please make sure the Bluetooth, Wi-Fi and Location permission of your smart phone are enabled. Then press [Add Device] button.

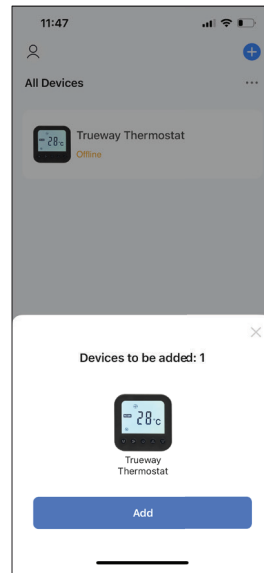


Fig3-1

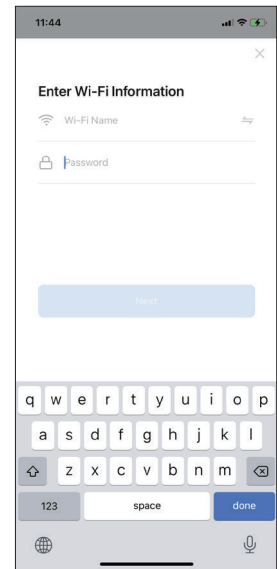


Fig3-2

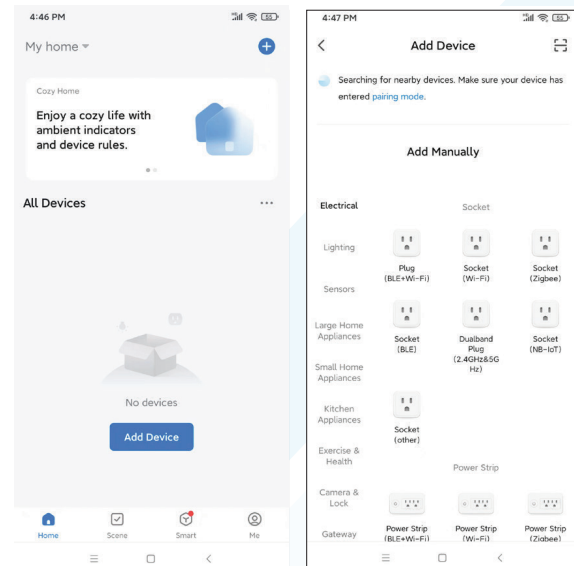


Fig2-1

Fig2-2

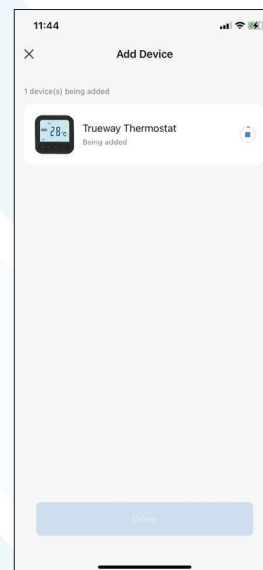


Fig3-3

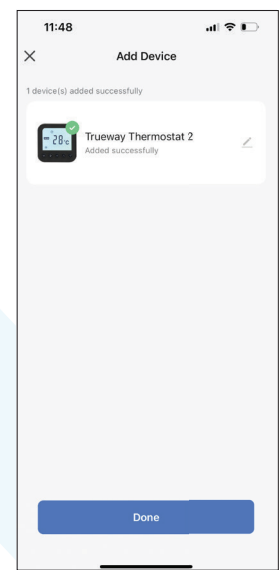


Fig3-4

Step 3 Wi-Fi connection method

App operation: Press [Add Device] button then select Small Home Appliances > Thermostat (BLE+Wi-Fi) > Select 2.4Ghz Wi-Fi network and enter password > Confirm the indicator is blinking.

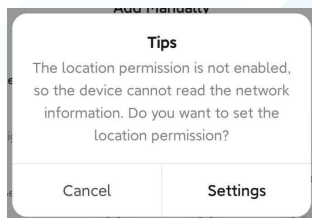


Fig2-3

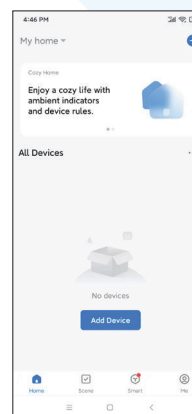


Fig4-1

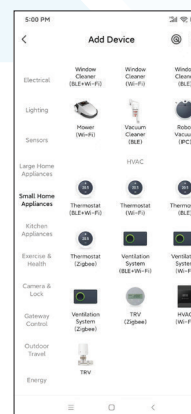


Fig4-2

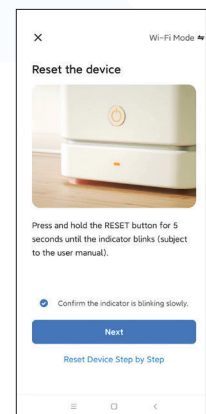

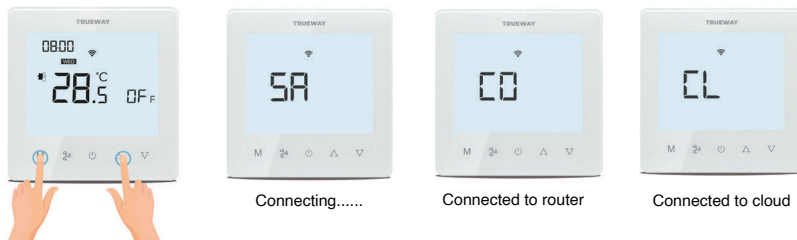


Fig4-3

The Mobile App can search for nearby devices as follow Fig3-1, press “Add”, input your Wi-Fi Name and Password in as Fig3-2, then the device to be loading as Fig3-3 and added successfully as Fig3-4. If your App is unable to search nearby device as following picture Fig3-1, please follow Wi-Fi connection method of Step 3 to complete. Wi-Fi connection

Thermostat operation:

In thermostat OFF status, press and hold POWER + UP buttons together for about 5-10 seconds enter into Wi-Fi connection mode setting, the LCD will be displayed with icon “” and SA OR AP blinking, user can press UP or DOWN button to select SA or AP and then press FAN to confirmed (Recommended SA).



App and Device settings:

1. **App settings:** Can manage places, remove device, create scene etc.
2. **Device settings:** Includes Mode selection (Cool /Heat /Ventilation), Gear selection (Low /Middle /High/Auto), set temperature adjustment, Child lock, Time Auto-synch, ECO mode on/off, Temperature scale C&F changeable etc. User can also check the device information, share device etc.
3. User can also check the device information, share device etc.

Connection trips: If any problems after connected Wi-Fi, please restart your Mobile App as well as the thermostat.

*The catalog is subjected to changed as per
Trueway products upgrade without notice.

Touch makes you Comfortable

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